

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/US2004/034266A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01P1/10 H01P1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KUYLENSTIerna D ET AL: "Tunable electromagnetic bandgap structures based on ferroelectric films" IEEE ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM. 2003 DIGEST. APS. COLUMBUS, OH, JUNE 22 - 27, 2003, NEW YORK, NY : IEEE, US, vol. VOL. 4 OF 4, 22 June 2003 (2003-06-22), pages 879-882, XP010651282 ISBN: 0-7803-7846-6 the whole document	1-3, 17, 18, 26-34, 36-38
Y		4-14, 16, 19-22, 24, 25, 35, 39-42
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

8 February 2005

Date of mailing of the international search report

15/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/15260 A (PARATEK MICROWAVE, INC) 1 March 2001 (2001-03-01) page 6, line 21 – line 23	4-14, 16, 19-22, 24, 25, 39-42
Y	US 2002/163408 A1 (FUJII MITSURU ET AL) 7 November 2002 (2002-11-07) paragraph '0102!; figure 20	35
X	KUYLENSTIERNA D ET AL: "Tuneable electromagnetic bandgap structures based on Ba _{0.25} Sr _{0.75} Ti _{0.5} parallel-plate varactors on silicon coplanar waveguides" MICROWAVE CONFERENCE, 2003. 33RD EUROPEAN 7-9 OCT. 2003, PISCATAWAY, NJ, USA, IEEE, vol. 3, 7 October 2003 (2003-10-07), pages 1111-1114, XP010681256 ISBN: 1-58053-835-5 the whole document	1-3
P	KUYLENSTIERNA D ET AL: "Tunable electromagnetic bandgap performance of coplanar waveguides periodically loaded by ferroelectric varactors" 20 October 2003 (2003-10-20), MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, JOHN WILEY, NEW YORK, NY, US, PAGE(S) 81-86 , XP002980943 ISSN: 0895-2477 the whole document	1-3, 17, 18, 26-34, 36-38

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